THE COLINAS GROUP, INC.
ENGINEERING AND ENVIRONMENTAL CONSULTANTS

March 22, 2006

Ms. Yanisa Angulo, P.E.
Florida Department of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637

Mr. Joseph Haber
Southwest Florida Water Management District
2379 Broad Street
Brooksville, FL 34609-6899

Re: First Monthly Report
Temporary Modification of Water Management Plan
Center Hill Mine
Water Use Permit No. 20000213.006
Industrial Wastewater Facility Permit No. FL0031895 (Sumter County)
for Florida Crushed Stone Company

Ladies and Gentlemen:

INTRODUCTION

In a letter dated February 13, 2006, Florida Crushed Stone Company requested that the Outfall D-001 weir elevation be temporarily lowered to +/- 84 feet NGVD for a minimum one month period, or until water levels in the inactive East quarry have been lowered to +/- 85 feet NGVD. In letters dated February 17, 2006 and February 24, 2006 from SWFWMD and FDEP, respectively, approval was provided for temporarily lowering the weir elevation to 84 feet NGVD. (FDEP had previously granted approval via Email on February 14, 2006.) Conditions attached with the approvals were to monitor and report water levels, water quality, and flow. The specific monitoring requirements are as follows:

1. Discharge measurements will continue to be taken weekly for the D-001 outfall structure. (SWFWMD requirement)
2. Flow and water level elevation measurements will be taken weekly at the downstream side of the County Road 48 bridge on Jumper Creek, at a location approximately 50 feet upstream of the D-001 discharge, and at the existing Jumper Creek weir structure at the mine property boundary that is approximately 2,800 feet downstream of the D-001 outfall. (SWFWMD requirement)
3. Measure turbidity, flow, and inactive quarry water levels weekly. (FDEP requirement)

These measurements are required to be reported monthly along with a summary of the prevailing hydrologic conditions. The monitoring locations are shown on Figure 1.

FIRST MONTHLY REPORT

The D-001 outfall structure weir was lowered to an elevation of 84.56 feet NGVD on February 22, 2006. The weir was lowered to only 84.56 feet NGVD instead of 84 feet NGVD because the bottom of the discharge structure is 84.56 feet NGVD and the weir could not be lowered below the bottom of the weir box. The Jumper Creek flow on the downstream side of the County Road 48 bridge was moved to a location approximately 2500 feet downstream of the bridge because stream flow was too low to measure at the bridge.

Weekly monitoring began on February 15, 2006, one week before lowering the weir elevation. The data collected from February 15, 2006 through March 15, 2006 (a five-week period) are shown on the attached table.

Surface Water Levels

The surface water elevation in the inactive North Quarry was 86.00 feet NGVD one week before the weir lowering and 86.25 feet on the day of the weir lowering. On March 15, 2006, four weeks after the weir was lowered, the Inactive North Quarry water elevation was 86.20 feet NGVD.

Changes in surface water levels in the inactive quarries and Jumper Creek from February 22 to March 15, 2006 are summarized below.

Location	South Quarry	North Quarry	East Quarry	West Quarry I	Jumper Creek East (downstream of CR 48 bridge)	Jumper Creek North (upstream of D-001 Outfall)	Jumper Creek West (at west property line)
Change in Water Elevation (feet)	+0.30	-0.05	+0.30	+1.80	+0.01	+0.06	+0.30

During February 22 through March 15, 2006, rainfall totaled 0.01 inches.

Flow

Daily total flow measured at Jumper Creek and the D-001 outfall before weir lowering (February 15 and February 22, 2006) are summarized below.

	FLOW (million gallons per day)				
	Jumper Creek East (downstream of CR 48 bridge)	Jumper Creek North (upstream of D-001 Outfall)	D-001 Outfall	Jumper Creek West (at west property line)	Infiltration along Jumper Creek
2/15/06	1.17	1.85	6.63	5.37	3.11
2/22/06	0.00	1.72	3.71	1.10	4.33

	FLOW (million gallons per day)				
	Jumper Creek East (downstream of CR 48 bridge)	Jumper Creek North (upstream of D-001 Outfall)	D-001 Outfall	Jumper Creek West (at west property line)	Infiltration along Jumper Creek
3/1/06	0.00	1.36	5.98	11.64	-4.30
3/8/06	0.00	1.43	6.01	13.43	-5.99
3/15/06	0.00	0.46	5.92	5.92	0.46

Before the weir elevation was lowered, infiltration along the Jumper Creek reach between Outfall D-001 and the property line ranged from 3.11 to 4.33 million gallons per day. After the weir was lowered, the Jumper Creek reach between Outfall D-001 and the property line gained flow during the weeks of March 1 and March 8, 2006. During the measurements on March 15, 2006, approximately 0.46 million gallons per day infiltrated (recharged). A walking inspection of the Jumper Creek reach between Outfall D-001 and the west property line was conducted on March 16, 2006. Upstream of the former railway crossing, the Jumper Creek flow increased (based on visual observations). Downstream of the former railway crossing, before wetland C-1, a portion of the flow in Jumper Creek was being diverted down a solution feature on the north bank of the creek.

Turbidity

Jumper Creek and Outfall D-001 turbidity has been measured weekly from February 22 through March 15, 2006. During the monitoring period, turbidity decreased from downstream of the CR 48 bridge to the west property boundary. At all times, the turbidity of the Outfall D-001 discharge was lower than the Jumper Creek turbidity and Jumper Creek turbidity was well below the Class III surface water standard.

* * * *

Thank you for the opportunity to submit this monthly report concerning the Temporary Modification of Water Management Plan, Center Hill Mine for Florida Crushed Stone Company. If you have any questions concerning this report, please call.

Yours very truly,
THE COLINAS GROUP, INC.
ENGINEERING AND ENVIRONMENTAL CONSULTANTS

Mark R. Stephens, P.G., P.E.
Principal Consultant

cc: Ms. Robbie Rogers - Sumter County Division of Planning and Development
Mr. Matt Mouncey - Rinker Materials of Florida, Inc.
Mr. James Morris - Florida Crushed Stone Company
Mr. Benny Collins - Florida Crushed Stone Company
Mr. Roger Sims - Holland & Knight
Mr. Howard Hayes, P.E. - Florida Department of Environmental Protection

FIRST MONTHLY REPORT
TEMPORARY MODIFICATION OF WATER MANAGEMENT PLAN
CENTER HILL MINE
WATER USE PERMIT NO. 20000213.006
INDUSTRIAL WASTEWATER FACILITY PERMIT NO. FL0031895
for
FOR FLORIDA CRUSHED STONE COMPANY

PROFESSIONAL ENGINEER CERTIFICATION

I, Mark R. Stephens, PE# 36179, certify that I currently hold an active license in the state of Florida and am competent through education or experience to provide engineering services in the civil engineering discipline contained in this plan, print, specification, or report. I further certify that this plan, print, specification, or report were prepared by me or under my responsible charge as defined in Chapter 61G15-18.OO1, F.A.C. Moreover, if offered by a corporation, partnership, or through a fictitious name, I certify that the company offering the engineering services, The Colinas Group, Inc., holds an active certificate of authorization (No. 7934) to provide the engineering service.

Date: 3-22-05

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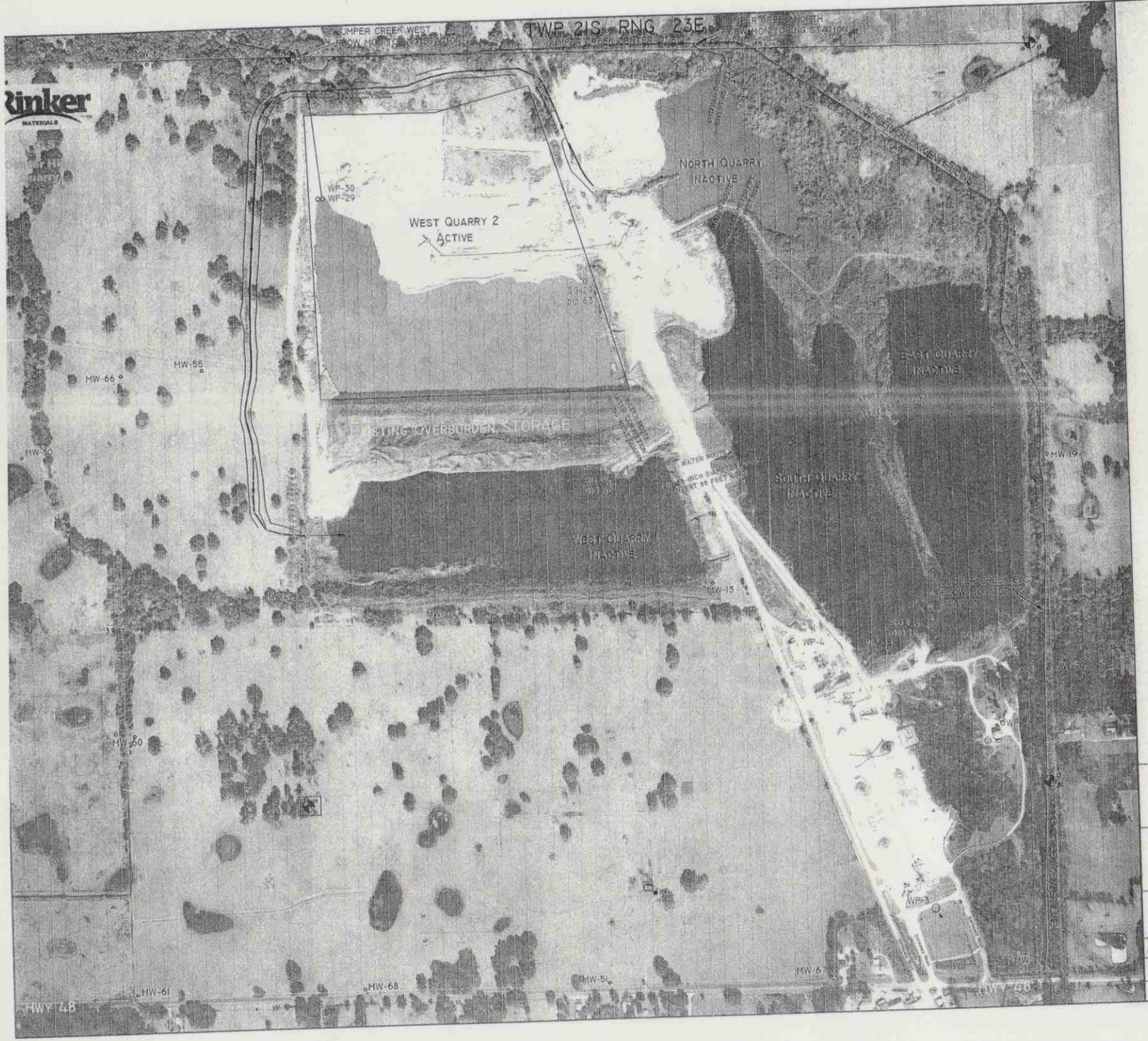
OUTFALL D001 WEIR LOWERING DATA SUMMARY
CENTER HILL MINE
for
FLORIDA CRUSHED STONE COMPANY
SWFWMD WUP NO. 20000213.006
FDEP IWW PERMIT NO. FL0031895

	Monitoring Parameters, Location Designations and SWFWMD Identification Numbers																		
	Surface Water Elevation (feet NGVD)							Surface Water Flow (million gallons)								Turbidity (NTU)				Rainfall (inches)
	SG-1 (South Quarry)	SG-11 (North Quarry)	SG-22 (East Quarry)	SG-24 (West Quarry I)	Jumper Creek East	Jumper Creek North	Jumper Creek West	Jumper Creek East (daily)	Jumper Creek North (daily)	D001 Outfall (daily)	Jumper Creek West (daily)	D001 Outfall (weekly total)	Jumper Creek West (weekly total)	Infiltration (daily)	Unit Infiltration (gal/day/foot)	Jumper Creek East	Jumper Creek North	D001 Outfall	Jumper Creek West	Weekly Rainfall
District ID	1	11	22	62	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
02/15/06	87.30	86.00	87.30	87.30	83.43	83.17	80.67	1.17	1.85	6.63	5.37	56.0	5.40	3.11	1,093	3.5	2.7	1.7	1.6	0.25
02/22/06	86.10	86.25	86.10	86.80	83.46	83.16	80.36	0.00	1.72	3.71	1.10	35.9	17.10	4.33	1,521	4.7	3.8	2.5	1.7	0.01
03/01/06	86.50	86.30	86.50	87.60	83.60	83.29	81.16	0.00	1.36	5.98	11.64	40.2	43.80	-4.30	-1,511	1.76	3.01	1.94	1.34	0.00
03/08/06	86.55	86.30	86.55	88.60	83.56	83.29	81.11	0.00	1.43	6.01	13.43	40.3	96.00	-5.99	-2,105	4.85	1.96	0.79	0.84	0.00
03/15/06	86.40	86.20	86.40	88.60	83.47	83.22	80.66	0.00	0.46	5.92	5.92	41.3	67.50	0.46	162	2.04	1.33	0.26	0.45	0.00

Notes:
1) feet NGVD = elevation in feet, referenced to National Geodetic Vertical Datum of 1929
2) Infiltration = Flow at Jumper Creek North plus flow from D001 Outfall minus flow at Jumper Creek West
3) Unit infiltration = infiltration value divided by the distance from D001 Outfall to Jumper Creek West (2,846 linear feet)
4) gal/day/foot = gallons per day per foot



GRAPHIC SCALE

EXPLANATION

- Monitor Well MW-51
- Staff Gage SG-1
- Piezometer PZ-58
- Withdrawal Point WP-3
- Property Line
- Jumper Creek Centerline and Flow Direction
- Discharge Point
- Water Flow
- Cattle Water Well (Well)

MONITORING LOCATIONS FOR WEIR LOWERING MONITORING

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LAKELAND . SARASOTA . WINTER PARK

FCS CENTER HILL QUARRY
CENTER HILL FLORIDA

DRAWN BY: JPM/MRS	Section's 16,17,20,21	Township 21S	Range 23E
JOB NO.: S-262A	530 West Kings Highway Center Hill, FL 33514		
Date of Aerial Photo : 7/03	FIGURE 1		